

eCDN Accelerator

Browser-based Peering Solution

Effortlessly Deliver Live and On-Demand Video at Scale.

Business Challenge

Modern workplaces are dynamic, and organizations are collaborating nonstop. Networks are constantly changing due to bandwidth and latency conditions which are often outside the control of corporate IT. Employees are remote, onsite and everywhere in between. Staying connected through video communications is the constant that drives productivity. However, unreliable content delivery increases user frustration and can hinder innovation.

The Hybrid office has emerged, and it requires a simple, secure and scalable solution to deliver high-quality video.

The Riverbed Solution

Riverbed® eCDN Accelerator™ solution empowers your hybrid workforce by delivering high-quality live and on-demand video to all employees, regardless of their location, device, or bandwidth capacity. Our browser-based solution leverages WebRTC peer-to-peer technology to scale live video distribution via your web browser, this self-service solution does not require any software to install, purchase of hardware, or investment in additional network infrastructure.

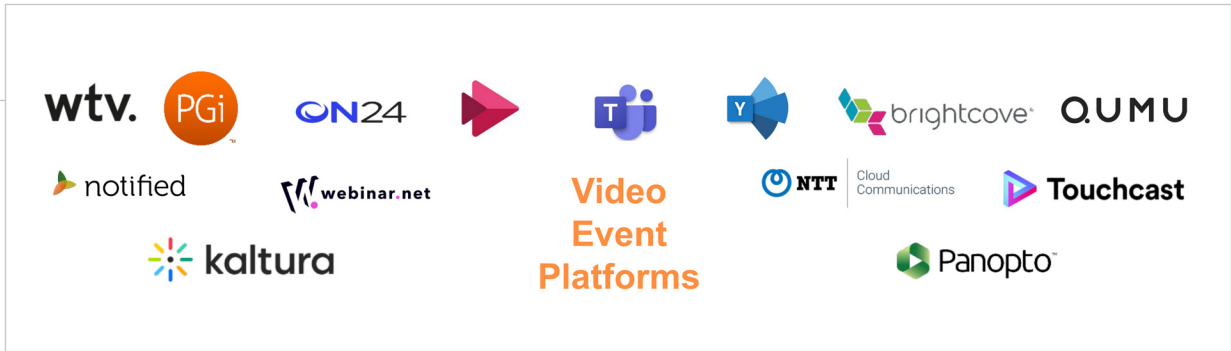


Figure 1: Enhancing video delivery for the distributed enterprise

Our agent-based solution deploys to desktops and provides peering of previously accessed content supporting a zero-trust network approach.

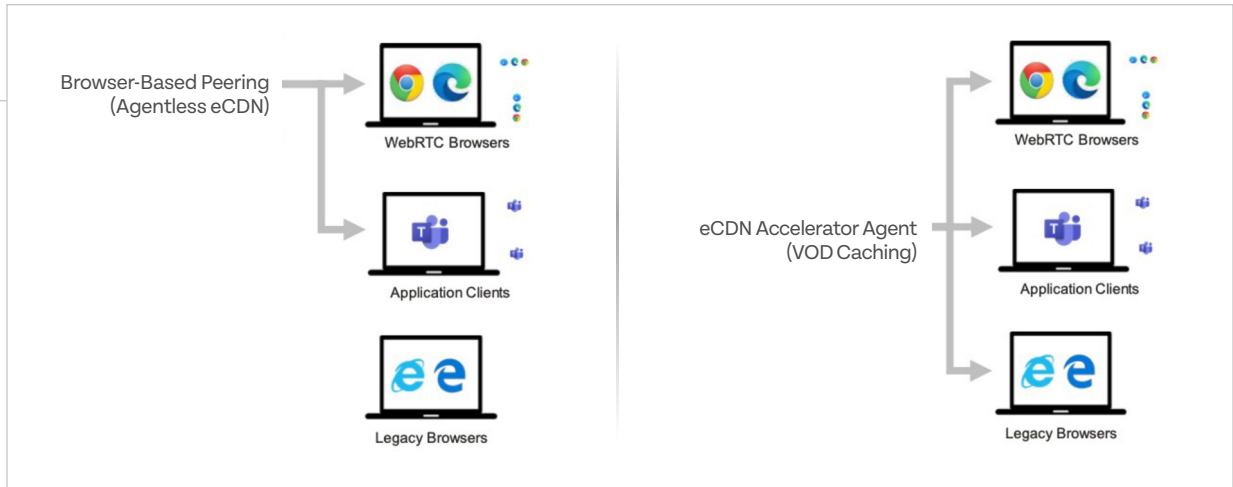


Figure 2: Fast, flexible deployment

With our Cloud-based delivery model, bandwidth-hungry video content can be delivered directly to end-users saving up to 99% of the network traffic traversing the wide area network.

eCDN Accelerator provides multiple standard dashboards providing information such as Quality of Experience, Average View Time, Reach/Consumption and Geographical Spread.

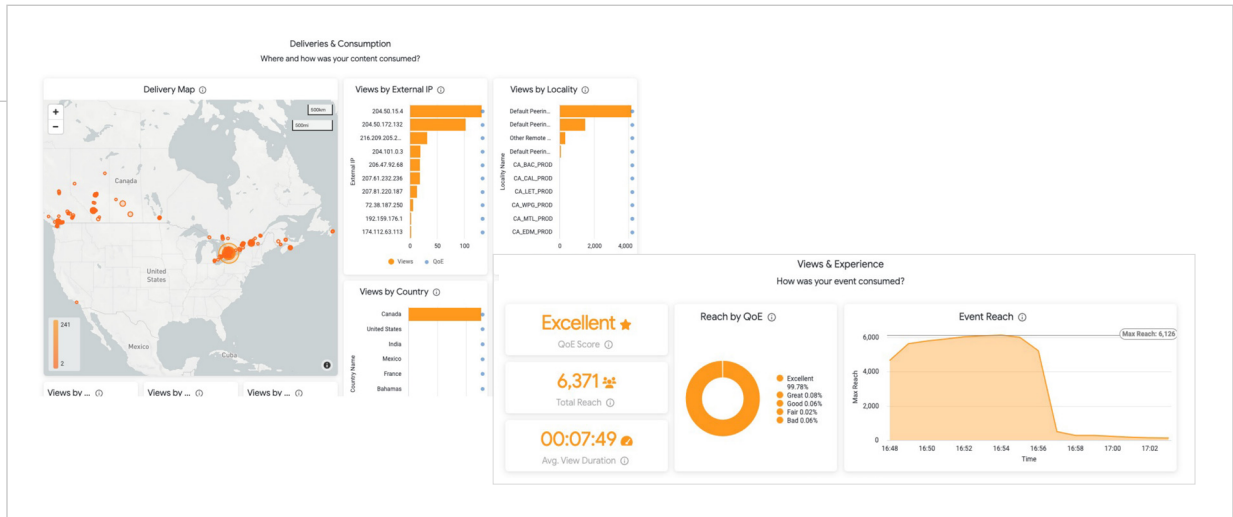


Figure 3: Embedded analytics – Reach, Dwell, QoE

Key Benefits and Features

Intelligent Performance

- Leverages WebRTC smart peering algorithms that reduces network bandwidth utilization by up to 99%
- Eliminates poor video delivery experience caused by increasingly unpredictable network latency and bandwidth constrained wide area networks
- Frees bandwidth for other business-critical applications

Simple Delivery

- Browser-based – simple, self-service onboarding
- Seamless integration with: Microsoft Teams, Microsoft Stream, Skype, Brightcove, ON24, and more...
- No additional hardware required

Secure Visibility & Control

- Instantly see aggregate performance metrics or granular endpoint details
- Supports standard out-of-the-box configurations and advanced bitrate and playback controls
- All data transfers are encrypted and signed. We do not receive, store or process customer content, nor are we able to decrypt the source content.

Learn More

For more about the Riverbed eCDN Accelerator or other Riverbed Application Acceleration solutions, please contact your Riverbed Account Manager or reseller, or request a free full-featured trial at portal.ecdn.riverbed.io/free-trial.



Riverbed – Empower the Experience

Riverbed is the only company with the collective richness of telemetry from network to app to end user that illuminates and then accelerates every interaction so that users get the flawless digital experience they expect across the entire digital ecosystem. Riverbed offers two industry-leading solution areas – Alluvio by Riverbed, an innovative and differentiated Unified Observability portfolio that unifies data, insights, and actions across IT, so customers can deliver seamless digital experiences; and Riverbed Acceleration, providing fast, agile, secure acceleration of any app over any network to users, whether mobile, remote, or on-prem. Together with our thousands of partners, and market-leading customers across the world, we empower every click, every digital experience. Learn more at riverbed.com.